


Name:			
Enrolment No:			
UNIVERSITY OF PETROLEUM AND ENERGY STUDIES Supplementary Examination, December 2023			
Course: Open Source Mobile Platform Program: B.Tech. CSE-OSOS Course Code: CSOS 2011		Semester: III Time: 03 hrs. Max. Marks: 100	
Instructions: 1. Attempt all questions. 2. Write the code in java wherever is required.			
SECTION A (5Qx4M=20Marks)			
S. No.		Marks	CO
Q 1	Define Activity. Provide example of an activity.	2+2	CO1
Q 2	Define Service. Give example of a service.	2+2	CO2
Q 3	Discuss the role of menu based apps in android. Write the name of all types of menus.	2+2	CO3
Q 4	Differentiate between wrap content and match parent.	4	CO4
Q 5	Define the following: a) DVM b) AVD	2+2	CO1
SECTION B (4Qx10M= 40 Marks)			
Q 6	Design an android app which shows the implicit intent. Write all required steps for the app.	10	CO2
Q 7	Discuss any four location based service methods with examples.	2.5x4	CO3
Q 8	Illustrate the concept of android software stack. OR Illustrate the concept of android activity lifecycle.	5+5	CO4
Q 9	Create an android app and apply style to your app. Write all required steps for creating style based app.	10	CO2
SECTION-C (2Qx20M=40 Marks)			
Q 10	Discuss all steps which are essential to publish an android app. Provide suitable example for the same.	10+10	CO3

	<p style="text-align: center;">Or</p> <p>Create a student record management system based app and show the following as your outcome:</p> <ol style="list-style-type: none"> a) Name of student b) Roll no of student c) Age of student d) Contact number of student 	5+5+5+5	CO3
Q 11	<p>Discuss the following layouts with example:</p> <ol style="list-style-type: none"> a) Constraint b) Relative c) Linear d) Frame e) Absolute 	5+5+5+5	CO4